



# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 59832

Application ID: 10656306



Title of Invention:  
ASYNCHRONOUS HIDDEN  
REFRESH OF SEMICONDUCTOR  
MEMORY

First Named Inventor: Wenliang Chen

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-09-04

Effective Receipt Date: 2004-04-27

Submission Type: Information Disclosure  
Statement

Filing Type:

Confirmation number: 8205

Attorney Docket Number: 5298-19203

Total Fees Authorized:

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## TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	ASYNCHRONOUS HIDDEN REFRESH OF SEMICONDUCTOR MEMORY	
Application Number:	10/656306	
Date:	2003-09-04	
First Named Applicant:	Wenliang Chen	
Confirmation Number:	8205	
Attorney Docket Number:	5298-19203	
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Submitted by:	Elec. Sign.	Sign. Capacity
Kevin L. Daffer Registered Number: 34146	Kevin L. Daffer	Attorney
Documents being submitted us-ids	Files 5298-19203_IDS-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ASYNCHRONOUS HIDDEN REFRESH OF SEMICONDUCTOR MEMORY				
Application Number:	10/656306				
Confirmation Number:	8205				
First Named Applicant:	Wenliang Chen				
Attorney Docket Number:	5298-19203				
Search string:	( 5784705 or 5970507 or 5999747 or 6028804 or 6058451 or 6078547 or 6094705 or 6147535 or 6222785 or 6226709 or 6259651 or 6282606 ).pn.				
<b>US Patent Documents</b>					
Note: Applicant is not required to submit a paper copy of cited US Patent Documents					
Init	Cite.No.	Patent No.	Date	Patentee	Kind
	1	5784705	1998-07-21	Leung	Class
	2	5970507	1999-10-19	Kato et al.	Subclass
	3	5999747	1999-12-07	Leung et al.	
	4	6028804	2000-02-22	Leung	
	5	6058451	2000-05-02	Bermingham et al.	
	6	6078547	2000-06-20	Leung	
	7	6094705	2000-07-25	Song	
	8	6147535	2000-11-14	Leung	
	9	6222785	2001-04-24	Leung	
	10	6226709	2001-05-01	Goodwin et al.	
	11	6259651	2001-07-10	Leung	
	12	6282606	2001-08-28	Holland	

Signature

Examiner Name	Date